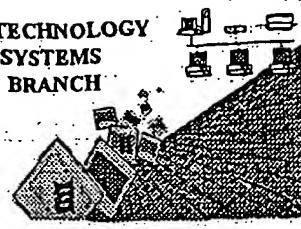


BIOTECHNOLOGY
SYSTEMS
BRANCH



**RAW SEQUENCE LISTING
ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/462,480A

Source:

IFWS16

Date Processed by STIC:

11/23/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S, Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/462,480A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 **Wrapped Nucleic Acid Residues** The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 **Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 **Misaligned Amino Acid Residue Numbering** The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 **Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 **Variable Length** Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 **PatentIn 2.0 "bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 **Skipped Sequences (OLD RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 **Skipped Sequences (NEW RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
 <210> sequence id number
 <400> sequence id number
 000

9 **Use of n's or Xaa's (NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10 **Invalid <213> Response** Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. Do not combine responses.

11 **Use of <220>** Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12 **PatentIn 2.0 "bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 **Misuse of n/Xaa** "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/462,480A

DATE: 11/23/2004
TIME: 14:08:31

Input Set : A:\066001650XPCT.txt
Output Set: N:\CRF4\11222004\I462480A.raw

3 <110> APPLICANT: GICQUEL, BRIGITTE
4 BERTHET, FRANCIOS-XAVIER
5 ANDERSEN, PETER
6 RASMUSSEN, PETER BIRK
8 <120> TITLE OF INVENTION: POLYNUCLEOTIDE FUNCTIONALLY CODING FOR THE LHP PROTEIN FROM
9 MYCOBACTERIUM TUBERCULOSIS, ITS BIOLOGICALLY ACTIVE DERIVATIVE
10 FRAGMENTS, AS WELL AS METHODS USING THE SAME
12 <130> FILE REFERENCE: 0660-0165-0XPCT
14 <140> CURRENT APPLICATION NUMBER: 09/462,480A
15 <141> CURRENT FILING DATE: 2000-03-06
17 <150> PRIOR APPLICATION NUMBER: PCT/IB98/01091
18 <151> PRIOR FILING DATE: 1998-07-16
20 <150> PRIOR APPLICATION NUMBER: 60/052,631
21 <151> PRIOR FILING DATE: 1997-07-16
23 <160> NUMBER OF SEQ ID NOS: 34
25 <170> SOFTWARE: PatentIn version 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 1277
29 <212> TYPE: DNA
30 <213> ORGANISM: Mycobacterium tuberculosis
32 <400> SEQUENCE: 1
33 ctgcagcagg tgacgtcggtt gttcagccag gtggggcgca ccggcgccgg caacccagcc 60
35 gacgaggaag ccgcgcagat gggcctgtc ggcaccagtc cgctgtcgaa ccattccgtg 120
37 gctgggtggat caggccccag cgccggcgccg ggcctgtcgat gegeggagtc gctacctggc 180
39 gcaagggtgggt cggtgaccccg caccggcgctg atgtctcagc tgatcgaaaa gcccgggttgc 240
41 ccctcggtga tgccggcgcc tggtcggca tggtcgggtga cgggtggcgcc cgctccgggtg 300
43 ggtcggggag cgatgggcca gggttcgaa tcccgccggct ccaccagcccc gggtctggtc 360
45 ggcgcggcac cgctcgccgca ggagcggtaa gaagacgacg aggacgactg ggacgaagaa 420
47 gacgactgggt gagctcccgat aatgacaaca gacttcccggtt ccacccggcc cggaaagactt 480
49 gccaacattt tggcgaggaa ggttaaagaga gaaaggtagtc cagcatggca gagatgaaga 540
51 ccgatgcggc tacccctcggtt caggaggccg gtaatttoga gggatctcc ggcgacccctga 600
53 aaacccagat cgaccagggtt gagtcgacgg caggttcgtt gcagggccag tggcgccggcg 660
55 cggcgccggac ggccgcggccag gcccgggtgg tgcgttcggca agaagcagcc aataaggcaga 720
57 agcaggaact cgacgagatc tcgacgata ttgcgtcaggc cgccgtccaa tactcgaggg 780
59 ccgacgaggaa gcagcggcag ggcgttcctt cgcaatggg ttctcgaccg gctaatacgaa 840
61 aaagaaacgg agcaaaaaca tgacagagca gcagtggaaat ttgcgggttgcaggccgc 900
63 ggcaagcgca atccaggaa atgtcagtc cattcattcc tcccttgcgtt aggggaagca 960
65 gtcctgcacg aagctcgccag cggcctgggg cggtagcggt tggaggcggtt accagggtgt 1020
67 ccagcaaaaaa tgggacgcca cggctaccga gctgaacaac ggcgtgcaga acctggcgccg 1080
69 gacgatcaggc gaagccggc agccaatggc ttgcacccgaa ggcacgtca ctggatgtt 1140
71 cgcatacggtt aacgcccagt tcgcgttagaa tagcgaaaaca cgggatcgccg cggatcgac 1200
73 ctcccgtcgg ttcgcctt ttcgtgttt atacgtttga ggcactctg agaggttgc 1260
75 atggcgcccg actacga 1277

pp 4-6
Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/462,480A

DATE: 11/23/2004

TIME: 14:08:31

Input Set : A:\066001650XPCT.txt

Output Set: N:\CRF4\11222004\I462480A.raw

78 <210> SEQ ID NO: 2
 79 <211> LENGTH: 524
 80 <212> TYPE: DNA
 81 <213> ORGANISM: *Mycobacterium tuberculosis*
 83 <400> SEQUENCE: 2

| | | | | | | | | | | | | | | | | | |
|-----|-------------|---|-------------|-------------|------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 84 | ctgcagcagg | tgacgtcggt | gttcagccag | gtggggggca | ccggcgccgg | caacccagcc | 60 | | | | | | | | | | |
| 86 | gacgaggaag | ccgcgcagat | gggcctgtctc | ggcaccagtc | cgctgtcgaa | ccatccgctg | 120 | | | | | | | | | | |
| 88 | gctgggtggat | caggccccag | cgccggggcg | ggcctgtctc | gcccggagtc | gtacactggc | 180 | | | | | | | | | | |
| 90 | gcagggtgggt | cggtgacccg | cacggcgctg | atgtctcagc | tgategaaaa | gcccgggtgc | 240 | | | | | | | | | | |
| 92 | ccctcggtga | tgccggcgcc | tgttgcggga | tcgtcggtga | cgggtggcgc | cgctccgggt | 300 | | | | | | | | | | |
| 94 | ggtcggggag | cgatggggca | gggttcgcaa | tccggggct | ccaccagccc | gggtctggc | 360 | | | | | | | | | | |
| 96 | gcccgggac | cgctcgcgca | ggagcgtgaa | gaagacgacg | aggacgactg | ggacgaaagag | 420 | | | | | | | | | | |
| 98 | gacgactgg | gagctcccg | aatgacaaca | gacttcccg | ccaccgggc | cggaagactt | 480 | | | | | | | | | | |
| 100 | gccaacattt | tggcgagggaa | gttaaagaga | gaaaagtatgc | cagc | | 524 | | | | | | | | | | |
| 103 | <210> | SEQ ID NO: 3 | | | | | | | | | | | | | | | |
| 104 | <211> | LENGTH: 481 | | | | | | | | | | | | | | | |
| 105 | <212> | TYPE: DNA | | | | | | | | | | | | | | | |
| 106 | <213> | ORGANISM: <i>Mycobacterium tuberculosis</i> | | | | | | | | | | | | | | | |
| 108 | <400> | SEQUENCE: 3 | | | | | | | | | | | | | | | |
| 109 | ctgcagcagg | tgacgtcggt | gttcagccag | gtggggggca | ccggcgccgg | caacccagcc | 60 | | | | | | | | | | |
| 111 | gacgaggaag | ccgcgcagat | gggcctgtctc | ggcaccagtc | cgctgtcgaa | ccatccgctg | 120 | | | | | | | | | | |
| 113 | gctgggtggat | caggccccag | cgccggggcg | ggcctgtctc | gcccggagtc | gtacactggc | 180 | | | | | | | | | | |
| 115 | gcagggtgggt | cggtgacccg | cacggcgctg | atgtctcagc | tgategaaaa | gcccgggtgc | 240 | | | | | | | | | | |
| 117 | ccctcggtga | tgccggcgcc | tgttgcggga | tcgtcggtga | cgggtggcgc | cgctccgggt | 300 | | | | | | | | | | |
| 119 | ggtcggggag | cgatggggca | gggttcgcaa | tccggggct | ccaccagccc | gggtctggc | 360 | | | | | | | | | | |
| 121 | gcccgggac | cgctcgcgca | ggagcgtgaa | gaagacgacg | aggacgactg | ggacgaaagag | 420 | | | | | | | | | | |
| 123 | gacgactgg | gagctcccg | aatgacaaca | gacttcccg | ccaccgggc | cggaagactt | 480 | | | | | | | | | | |
| 125 | g | | | | | | 481 | | | | | | | | | | |
| 128 | <210> | SEQ ID NO: 4 | | | | | | | | | | | | | | | |
| 129 | <211> | LENGTH: 302 | | | | | | | | | | | | | | | |
| 130 | <212> | TYPE: DNA | | | | | | | | | | | | | | | |
| 131 | <213> | ORGANISM: <i>Mycobacterium tuberculosis</i> | | | | | | | | | | | | | | | |
| 133 | <400> | SEQUENCE: 4 | | | | | | | | | | | | | | | |
| 134 | atggcagaga | tgaagaccga | tgccgttacc | ctcgccagg | aggcaggtaa | tttcgagccg | 60 | | | | | | | | | | |
| 136 | atctccggcg | acctgaaaaac | ccagatcgac | cagggtggat | cgacggcagg | ttcggtcgag | 120 | | | | | | | | | | |
| 138 | ggccagtggc | ggggcgccgc | ggggacggcc | gcccaggccg | cgggtggcgc | cttccaagaa | 180 | | | | | | | | | | |
| 140 | gcaggcaata | agcagaagca | gaaactcgac | gagatctcg | cgaatattcg | tcaggccggc | 240 | | | | | | | | | | |
| 142 | gtccaaatact | cgaggccgca | cgaggagcag | cagcaggccg | tgtcctcgca | aatgggcttc | 300 | | | | | | | | | | |
| 144 | tg | | | | | | 302 | | | | | | | | | | |
| 147 | <210> | SEQ ID NO: 5 | | | | | | | | | | | | | | | |
| 148 | <211> | LENGTH: 100 | | | | | | | | | | | | | | | |
| 149 | <212> | TYPE: PRT | | | | | | | | | | | | | | | |
| 150 | <213> | ORGANISM: <i>Mycobacterium tuberculosis</i> | | | | | | | | | | | | | | | |
| 152 | <400> | SEQUENCE: 5 | | | | | | | | | | | | | | | |
| 154 | Met | Ala | Glu | Met | Lys | Thr | Asp | Ala | Ala | Thr | Leu | Gly | Gln | Glu | Ala | Gly | |
| 155 | 1 | | | 5 | | | 10 | | | | | 15 | | | | | |
| 158 | Asn | Phe | Glu | Arg | Ile | Ser | Gly | Asp | Leu | Lys | Thr | Gln | Ile | Asp | Gln | Val | |
| 159 | | | | | 20 | | | | 25 | | | 30 | | | | | |
| 162 | Glu | Ser | Thr | Ala | Gly | Ser | Leu | Gln | Gln | Trp | Arg | Gly | Ala | Ala | Gly | | |

RAW SEQUENCE LISTING DATE: 11/23/2004
 PATENT APPLICATION: US/09/462,480A TIME: 14:08:31

Input Set : A:\066001650XPCT.txt
 Output Set: N:\CRF4\11222004\I462480A.raw

163 35 40 45
 166 Thr Ala Ala Gln Ala Ala Val Val Arg Phe Gln Glu Ala Ala Asn Lys
 167 50 55 60
 170 Gln Lys Gln Glu Leu Asp Glu Ile Ser Thr Asn Ile Arg Gln Ala Gly
 171 65 70 75 80
 174 Val Gln Tyr Ser Arg Ala Asp Glu Glu Gln Gln Ala Leu Ser Ser
 175 85 90 95
 178 Gln Met Gly Phe
 179 100
 182 <210> SEQ ID NO: 6
 183 <211> LENGTH: 49
 184 <212> TYPE: PRT
 185 <213> ORGANISM: *Mycobacterium tuberculosis*
 187 <400> SEQUENCE: 6
 189 Met Ala Glu Met Lys Thr Asp Ala Ala Thr Leu Gly Gln Glu Ala Gly
 190 1 5 10 15
 193 Asn Phe Glu Arg Ile Ser Gly Asp Leu Lys Thr Gln Ile Asp Gln Val
 194 20 25 30
 197 Glu Ser Thr Ala Gly Ser Leu Gln Gly Gln Trp Arg Gly Ala Ala Gly
 198 35 40 45
 201 Thr
 205 <210> SEQ ID NO: 7
 206 <211> LENGTH: 42
 207 <212> TYPE: PRT
 208 <213> ORGANISM: *Mycobacterium tuberculosis*
 210 <400> SEQUENCE: 7
 212 Gln Glu Ala Ala Asn Lys Gln Lys Gln Glu Leu Asp Gly Ile Ser Thr
 213 1 5 10 15
 216 Asn Ile Arg Gln Ala Gly Val Gln Tyr Ser Arg Ala Asp Glu Glu Gln
 217 20 25 30
 220 Gln Gln Ala Leu Ser Ser Gln Met Gly Phe
 221 35 40
 224 <210> SEQ ID NO: 8
 225 <211> LENGTH: 21
 226 <212> TYPE: PRT
 227 <213> ORGANISM: *Mycobacterium tuberculosis*
 229 <400> SEQUENCE: 8
 231 Gln Glu Ala Gly Asn Phe Glu Arg Ile Ser Gly Asp Leu Lys Tyr Thr
 232 1 5 10 15
 235 Gln Ile Asp Gln Val
 236 20
 239 <210> SEQ ID NO: 9
 240 <211> LENGTH: 16
 241 <212> TYPE: PRT
 242 <213> ORGANISM: *Mycobacterium tuberculosis*
 244 <400> SEQUENCE: 9
 246 Gly Asp Leu Lys Thr Gln Ile Asp Gln Val Glu Ser Thr Ala Gly Ser
 247 1 5 10 15
 250 <210> SEQ ID NO: 10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/462,480A

DATE: 11/23/2004

TIME: 14:08:31

Input Set : A:\066001650XPCT.txt

Output Set: N:\CRF4\11222004\I462480A.raw

251 <211> LENGTH: 16
 252 <212> TYPE: PRT
 253 <213> ORGANISM: *Mycobacterium tuberculosis*

255 <400> SEQUENCE: 10
 257 Gly Ser Leu Gln Gly Gln Trp Arg Gly Ala Ala Gly Thr Ala Ala Gln
 258 1 5 10 15

261 <210> SEQ ID NO: 11
 262 <211> LENGTH: 16
 263 <212> TYPE: PRT

264 <213> ORGANISM: *Mycobacterium tuberculosis*
 266 <400> SEQUENCE: 11

268 Gln Glu Ala Ala Asn Lys Gln Lys Glu Leu Asp Glu Ile Ser Thr
 269 1 5 10 15

272 <210> SEQ ID NO: 12
 273 <211> LENGTH: 28
 274 <212> TYPE: PRT

275 <213> ORGANISM: *Mycobacterium tuberculosis*
 277 <400> SEQUENCE: 12

279 Ser Thr Asn Ile Arg Gln Ala Gly Val Gln Tyr Ser Arg Ala Asp Glu
 280 1 5 10 15

283 Glu Gln Gln Gln Ala Leu Ser Ser Gln Met Gly Phe
 284 20 25

287 <210> SEQ ID NO: 13
 288 <211> LENGTH: 16
 289 <212> TYPE: PRT

290 <213> ORGANISM: *Mycobacterium tuberculosis*
 292 <400> SEQUENCE: 13

294 Arg Ala Asp Glu Glu Gln Gln Gln Ala Leu Ser Ser Gln Met Gly Phe
 295 1 5 10 15

298 <210> SEQ ID NO: 14
 299 <211> LENGTH: 21
 300 <212> TYPE: DNA

C--> 301 <213> ORGANISM: Artificial/Unknown

304 <220> FEATURE:

305 <221> NAME/KEY: misc_feature

306 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA

308 <400> SEQUENCE: 14

309 ctgcagcagg tgacgtcggt g

21

312 <210> SEQ ID NO: 15

313 <211> LENGTH: 23

314 <212> TYPE: DNA

C--> 315 <213> ORGANISM: Artificial/Unknown

same end

318 <220> FEATURE:

319 <221> NAME/KEY: misc_feature

320 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA

322 <400> SEQUENCE: 15

323 ccgggtggcc gggaaagtctg tgt

23

326 <210> SEQ ID NO: 16

327 <211> LENGTH: 23

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/462,480A

DATE: 11/23/2004

TIME: 14:08:31

Input Set : A:\066001650XPCT.txt

Output Set: N:\CRF4\11222004\I462480A.raw

328 <212> TYPE: DNA
 C--> 329 <213> ORGANISM: Artificial/Unknown
 332 <220> FEATURE:
 333 <221> NAME/KEY: misc_feature
 334 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
 336 <400> SEQUENCE: 16
 337 actactttctt cttttctacctt tcc
 340 <210> SEQ ID NO: 17
 341 <211> LENGTH: 39
 342 <212> TYPE: DNA
 C--> 343 <213> ORGANISM: Artificial/Unknown
 346 <220> FEATURE:
 347 <221> NAME/KEY: misc_feature
 348 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
 350 <400> SEQUENCE: 17
 351 ggggggatcc ggtaccagggt gacgtcggtt ttcagccag
 354 <210> SEQ ID NO: 18
 355 <211> LENGTH: 39
 356 <212> TYPE: DNA
 C--> 357 <213> ORGANISM: Artificial/Unknown
 360 <220> FEATURE:
 361 <221> NAME/KEY: misc_feature
 362 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
 364 <400> SEQUENCE: 18
 365 ggggggatcc ggatcctcggt agtcggccgc catgacaaac
 368 <210> SEQ ID NO: 19
 369 <211> LENGTH: 31
 370 <212> TYPE: DNA
 C--> 371 <213> ORGANISM: Artificial/Unknown
 374 <220> FEATURE:
 375 <221> NAME/KEY: misc_feature
 376 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
 378 <400> SEQUENCE: 19
 379 ggggggatcc cagggtgacgt cgttgttca
 382 <210> SEQ ID NO: 20
 383 <211> LENGTH: 31
 384 <212> TYPE: DNA
 C--> 385 <213> ORGANISM: Artificial/Unknown
 388 <220> FEATURE:
 389 <221> NAME/KEY: misc_feature
 390 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
 392 <400> SEQUENCE: 20
 393 ggggggatcc acgggtgacgt cgttgttca
 396 <210> SEQ ID NO: 21
 397 <211> LENGTH: 32
 398 <212> TYPE: DNA
 C--> 399 <213> ORGANISM: Artificial/Unknown
 402 <220> FEATURE:
 403 <221> NAME/KEY: misc_feature

Please correct this in
 subsequent sequences

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/23/2004
PATENT APPLICATION: US/09/462,480A TIME: 14:08:32

Input Set : A:\066001650XPCT.txt
Output Set: N:\CRF4\11222004\I462480A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:34; Xaa Pos. 11

VERIFICATION SUMMARY

DATE: 11/23/2004

PATENT APPLICATION: US/09/462,480A

TIME: 14:08:32

Input Set : A:\066001650XPCT.txt

Output Set: N:\CRF4\11222004\I462480A.raw

L:301 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:315 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:329 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:343 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:357 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:371 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:385 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:399 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
L:413 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:427 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:441 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24
L:455 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
L:469 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26
L:483 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27
L:532 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:548 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30
L:564 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:578 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:592 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0